Cc: Sayles, Gregory[Sayles.Gregory@epa.gov]; Taft, Sarah[Taft.Sarah@epa.gov]; Koglin,

Eric[Koglin.Eric@epa.gov]

To: Choudhury, Harlal[choudhury.harlal@epa.gov]

From: Garrahan, Kevin

Sent: Tue 8/11/2015 9:10:39 PM

Subject: PALs

Harlal,

I'm working in EPA's Emergency Operations Center (EOC) providing technical support on the Gold King Mine/Animas River toxic sludge spill in Colorado. Quick question for you -- Do we have any PALs for the following chemicals of concern:

- 1. Lead
- 2. Arsenic
- 3. Aluminum
- 4. Cadmium
- 5. Lead
- 6. Thallium
- 7. Zinc

I would be surprised if we had PALs for any of these, but would appreciate you double checking. Thanks!

Kevin